

Clough, 1700.

THE *New England*
ALMANACK

For the Year of our LORD, *M DCC*
From the CREATION 3649. And
From the Discovery of *America* by *Cbr. Columbus*, 24-8.
Being Leap Year, & of the Reign of our Gracious
Sovereign, King WILLIAM the Third
(which began *Febr.* the 13. 1688, 9) the 12th.

Wherein is contained the severall Changes of the Moon,
and Aspects of the Planets, Courts, Spring Tides, Rising
& Setting of the Sun, with the Sun & Moons place,
and time of Full Sea or High Water, with an account
of the Eclipse: And a figure of the Visible Eclipse
as it will appear to us.

The Vulgar Notes of this year are,
Golden Number 10 } Cycle of the Sun 1
The Epoch 20 } Dominic Letters G.F.

Fitted to the Meridian of *Boston* in *New-England*
Lat. 42. gr. 30. min. But may serve any part of
New-England without any sensible Error.

By *Samuel Clough*,
A Lover of the Mathematicks.

Licensed by Authority.

Printed by *Bartholomew Green*, & *John Allen*.
Sold at the Printing-House. 1700.

COURTEOUS READER.

THOU art here presented with an *Almanack*, it being the fruit of my spare hours this last Summer, the Composure of which was at the desire of the Printer. Having ever since I came to years of understanding taken much delight in the Mathematicks, I have for my duty studyed something of it, though not so much as to make my self either professor or practitioner, yet a Reader and lover of it: therefore I desire a favourable censur from the Learned, should there be mistakes; tho' I think there are none that are essential, considering it is the first of my Attempts thus to appear in publick. Notwithstanding, if it be well accepted it may encourage me to make some further experiment this way yearly, accommodated with something new.

Reader, As for the Weather, I desire a very favourable construction; it is against my mind to put any such thing in, but considering the People have been us'd to it in the *Almanacks* of late, I have set it down to gratify those that desire it. I would not have any be so Rul'd by it as to expect just such weather always on the days against which it is set, tho' it is possible it may so happen; for the very Rules that the foretelling of the weather is grounded upon are not to be trusted to or depended upon; for certain it is that the times & seasons are in the Hand of God alone, and He changes them as He pleaseth. Indeed this we may know certainly

That if the Air be fair and clear,
Then will the ways more clean appear:
But if it chance to Snow or Rain,
Then they will dirty be again.

Note, At what time & place the Inferiour Courts are also held Courts of General Sessions of the Peace.

being
the
inter.
taken
my
as to
a Rea-
le cen-
; tho'
ng it is
ublick.
encou-
his way
avoura-
ny such
us'd to is
gratify
o Rul'd
the days
o hap-
ne w
or
feak
them
ainly

New moon 9 day 30 min past 11 morn
First quart. 17 day 27 min past 9 morn
Full m 24 d 28 m p 4 morn Last q 31 d 38 m p 2 morn

First quart. 17 day 27 min past 9 morn

Full m 24 d 28 m p 4 morn Lst q 31 d 38 m p 2 morn

Beware of Cold, to bleed or purge take heed,

A good Warm Coat this Month thy back will need.

M W. A. F. Wea. Cou. (sp), tid. R © S © Pl. D PL Full Sec

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																				

FEBRUARY hath 29 Dayes

New moon 8 day 55 min past 6 afternoon

First quart 16 day 33 min past 12 noon

Full moon 23 day 46 min past 2 morn

Warm Cloaths this Month are good, and drink no less,
Always provided thou avoid excess.

M.	W.	A.	Wea.	Conz.	(pr.tid.	R	S	Pl.	Pl.	Full	Sea		
1	5	h	2 45	☾	Rain	6	51	6	13	10	Sagitt	05 39	
4	6		or Snow	☐	☽	6	49	6	24	10		06 27	
7	7	*	☉		☽	6	47	6	25	11		07 15	
10	4	4	20	3	VS	6	46	6	26	12	Capr	08 03	
13	2	♂	4		or	6	45	6	27	12		08 51	
16	3	♂	♂		* 4 ♀	6	44	6	28	13	Aqua	09 39	
19	4		Rain or Sleet			6	42	6	29	13		10 27	
22	5		Cold and			6	41	6	00	14		11 15	
25	6	♂	h		Occ.	6	39	6	01	14	Pisces	12 03	
28	7	*	4		♂	6	38	6	02	15		12 51	
31	8		Unsettled Weather			6	37	6	03	15	Aries	01 39	
3	9	*	♂		and	6	36	6	04	15		02 27	
6	10		Perhaps very Cold			6	35	6	05	16		03 15	
9	11	☐	♂		and wind N W	6	34	6	06	16	Taur	04 03	
12	12	♂	♂		♂ 18 32	6	33	6	07	16		04 51	
15	13		February fill Dike			6	30	6	08	16	Gem	05 39	
18	14		With Black or White			6	29	6	09	17		06 27	
21	15		Rain or	☐	♂	6	28	6	10	17	Canc	07 15	
24	16		Spring tides rise			6	27	6	11	17		08 03	
27	17		Snow	♂	Perige	6	26	6	12	17	Leo	08 51	
30	18	☐	♂		Cold Rain	6	24	6	13	17		09 39	
3	19		High tides	♂		6	22	6	14	17	Virgo	10 27	
6	20		Eclipsed Ecliptic			6	20	6	15	17		11 15	
9	21		Low tides fall			6	19	6	16	17	Libra	12 03	
12	22		Windy	♂	♂	6	18	6	17	17		12 51	
15	23		♂ 16 15	☾		6	16	6	18	17	Scor	01 39	
18	24		Cloudy	♂	4 30	☾	6	14	6	20	17		03 15
21	25	☐	h		♂ h ♀	6	13	6	21	16	Sagitt	04 03	

MARCH hath 31 Dayes.

Last quart. 1 day 14 min p. 8 morn

New moon 9 day 32 min past 11 beforenoon

First quart. 16 day 38 min past 8 morn

Full m 23 d 5 m p 1 altern. Last q 31 d 37 m p 2 morn

Thy Blood afresh 'gins to increase again,

Now bleed and purge thy Body to maintain.

M. W. At. Wca. Cou. spz. tid. R. S. Pl. D. Pl. Full Sea

16	☐☉☽	△♀☽	6 11	622	16	04 31
27	Windy and Wet	△☉♂	6 10	623	16	05 39
3	F. h 6 31	☾ & Bluttering	6 09	624	16	06 27
4	weather	*☉♂	6 07	625	15	07 15
5	Inf. Court	Plz. North. &	6 05	626	15	08 03
6	☐☽♀	(Edg Town	6 04	627	14	08 31
7	C. Court	Wartford	6 03	628	14	09 39
8	☉☽	(☉ Apogee	6 02	629	13	10 27
9	*☽☽	Dry	6 00	630	12	11 15
10	F. and Windy	△♂☽	5 59	701	12	12 06
11	24 26 39	VS *☽☽	5 57	702	11	12 58
12	Inf. Court	Charlston	5 56	703	11	01 50
13	8 ☽☽	Ori.	5 55	704	10	02 41
14	moderate weather		5 53	705	10	03 32
15	about this time		5 52	706	09	04 24
16	☐☉☽	and *h♀	5 50	707	08	05 15
17	Windy.	☉☽♀	5 48	708	07	06 07
18	8 ☽☽	♂ 23 23 M	5 46	709	06	06 58
19	and Dry	☉ Perige	5 45	710	05	07 50
20	Court	Fairfield	5 43	711	04	08 43
21	Spr. tides rise	☉☽	5 41	712	03	09 32
22	8 h) *♂☽		5 40	713	02	10 24
23	♀ 16 30 ☽	Perhaps	5 39	714	01	11 15
24	Falling tides fall		5 38	715	00	12 00
25	some showers and		5 37	716	59	12 45
26	Sap. Court	Plz. & Inf. C.	5 36	716	58	01 30
27	☐☽♀	(Ipsw Nk	5 35	717	57	02 15
28	then wind &		5 33	718	56	03 00
29	♀ 2 5 ☽	warm for	5 31	719	55	03 45
30	the season	8 ☽♀	5 30	720	54	04 30
31	♂☽☽ *♂☽	△♀☽	5 29	721	53	05 15

APRIL hath 30 Dayes.

New moon 8 day 42 min past 1 morn
 First quart 15 day 27 min past 2 morn
 Full moon 22 day 24 min past 2 morn
 Last quart 29 day 46 min past 8 night

If thou intendest for to purge or bleed,
 Of Learn'd Physicians counsel thou hast need.

M.W.	At Wea.	Conz.	(pr. tid.)	R	S	Pl.	Pl.	Full Sea
12	h 10	☉	Apogee & Tides	5	27	7	22	Y 31 Aqua 06 00
23	Inf. Court	Boston	Barnst	5	26	7	23	50 06 45
34	April	showers	bring	5	24	7	24	49 07 30
45	May	flowers	☉	5	23	7	25	48 08 15
56	Perhaps	Rain	☉	5	22	7	26	46 09 00
67	* & ☽			5	21	7	27	44 09 45
78	Spring	Weather		5	19	7	28	42 10 30
82	Spring	tides	rise	5	17	7	29	40 11 15
93	Inf. Court	Bristol		5	16	7	00	39 12 06
104	☽ 23	☽ ☽ ☽	Dry	5	14	7	01	37 12 58
115	and	Windy	☐ h ☽ at	5	13	7	02	35 01 50
126	E	☽ ☽ ☽	Perhaps	5	12	7	03	33 02 41
137	were	foul		5	11	7	04	31 03 32
148	weather	☐ h ☽		5	10	7	05	30 04 24
152	about	this time		5	09	7	06	28 05 15
163	☉	Perige		5	07	7	07	26 06 07
174	☽ h ☽	☉		5	06	7	08	24 06 58
185	☽ 21	10 M		5	04	7	09	22 07 50
196	Spring	tides	fall Fair	5	03	7	10	20 08 41
207	weather	* ☉ h		5	02	7	11	18 09 32
218	and	wind	at E	5	01	7	12	16 10 24
222	△ h ☽	☽ ☽ ☽		5	00	7	13	14 11 15
233	☽ 19	6 M	Cloudy and	4	59	8	14	12 12 03
244	☽ ☽ ☽	Perhaps		4	58	8	15	10 12 51
255	* h ☽	☉	some	4	56	8	16	08 01 39
266	☽ 17	4 M	showers	4	55	8	17	07 02 27
277	☽ 16	3 M	☽ ☽ ☽	4	54	8	18	05 03 15
288	☽ 15	2 M	☽ ☽ ☽	4	53	8	19	03 04 03
292	and	warm		4	52	8	19	59 04 51
303	☽ 14	1 M	☉ Apogee	4	51	8	20	57 05 39

MAY hath 31 Dayes.

New moon 7 day 36 min past noon

First quart. 14 day 46 min past 6 morn

Full moon 21 day 30 min past noon

Last quart. 29 day 30 min past 1 afternoon

*Sweet morning walks this Month the minds may please,
Of them whose Bodies are in health and ease.*

M.	W.	A.	W.	C.	O.	U.	R.	S.	P.	L.	P.	L.	Full Sea
14								4	49	821	53	Pisces	06 27
25	h	12	18	✕				4	48	822	52		07 13
36				Warm				4	47	823	50	Aries	08 03
47	*	4						4	46	824	48		09 51
58				Showers				4	45	825	45		11 39
62	8			if not *	h			4	44	826	43	Taur	12 27
73	Sup. Court			Boston				4	43	827	40		13 15
84	Thunder			Tides rise				4	42	828	38	Gemi	14 06
95	Court Election			Hartford				4	42	829	36		15 58
106	4	1	19	M R.	△	○	4	41	800	II	33	Canc	01 50
117				△ h	♂	♀		4	41	801	31		02 31
128	No very			High Tides				4	40	802	28	Leo	03 22
132	this Month.							4	39	803	25		04 24
143	Court Affs.			Hartford				4	38	804	23	Virgo	05 13
154				(△ 4)				4	38	805	20		06 07
165	Sup. Court			Bitter				4	37	806	18	Libra	06 58
176				□ 4				4	36	807	15		07 50
187	Rain and			Wind				4	35	808	12		08 41
198				△ h				4	34	809	10	Sirp	09 32
202	♂	11						4	34	810	07		10 24
213	Sup. Court			Spw. and				4	33	811	05	Sagit	11 15
224	Bristol Fair,			(Inf. C.				4	32	812	01		12 03
235	Cloudy			(Springt.				4	32	812	59	Capri	12 51
246				□ ○ h				4	31	813	56		01 39
257	♂ ♀			if not Rain				4	31	814	53		02 27
268	♀	29	26					4	30	815	50	Aqua	03 15
272				♂ ♀				4	30	816	48		04 03
283				Apogee				4	29	817	45	Pisces	04 51
294	Gen. E. ELECT.			Boston				4	28	818	42		05 39
305				Hot				4	28	819	39		06 27
316	♂	26	22					4	27	820	36	Arin	07 15

JUNE hath 30 .Days.

New moon 5 day 30 min past 9 night
 First quart. 12 day 38 min past 11 beforen.
 Full moon 20 day 49 min past 1 morn
 Last quart. 28 day 34 min past 4 morn

*Drinks new or sweet, but spice, I warn thee flie,
 The sports of Venus and Plebotomy.*

M. W. A. W. C. Cour. Apr. tib. R O S O Pl. > Pl. Full Sea

17	h 13 43	✕	4	27	8	21	II	33	08	03
21	♂	Hot and	4	27	8	22	31	Taur	08	51
32	A.illery	Alcy. Boston	4	27	8	23	28		09	39
43	Court	St. London	4	27	8	24	25	Gem	10	27
54	Providence	Fair	4	27	8	25	22		11	15
65	Perhaps	Thunder	4	27	8	26	19	Canc	12	03
75	h d	and Rain	4	27	8	27	16		12	51
87	♂ 4	♂ 4 = VS	4	26	8	28	13	Leg	01	39
99	hot and		4	26	8	29	10		02	27
102	Clear	● Perige	4	26	8	00	07	Virgo	03	15
113	Inf. Court	Concord	4	26	8	01	04		04	03
124	△ 4	□ h ♀	4	26	8	02	02		04	51
135		△ ♀ d	4	26	8	02	59	Libra	05	39
146	Windy		4	26	8	03	56		06	27
157		and	4	26	8	04	53	scorpi	07	15
168	♂ 9 32 m	* ♀ ♀	4	27	8	05	40		08	03
172		Wet	4	27	8	06	47	Sagit	08	51
183	Inf. Court	Plymouth	4	27	8	07	44		09	39
194	Tides	pretty high	4	27	8	08	41		10	27
205	* h d		4	28	8	09	38	Capri	11	15
216	Thunder	△ ⊙ ♂	4	28	8	10	35		12	03
227		and Lightning	4	28	8	11	32	Aqua	12	51
238	♀ 26 39	♀	4	28	8	12	29		01	39
242	♂ ♀	△ ⊙ h	4	28	8	13	26		02	27
253	Inf. Court	Salera	4	28	8	14	23	Pisces	03	15
264	△ ♂ ♀	(⊙ Apogee	4	29	8	15	20		04	03
275		△ h ♀	4	30	8	16	17	Aries	04	51
286		Hot	4	30	8	17	15		05	39
297	♀ 16 58	♂	4	31	8	18	12	Taur	06	27
308		⊙ ⊙ ♀	4	32	8	19	09		07	15

JULY hath 31 Dayes.

New moon 5 day 6 min past 5 morn
 First quart. 11 day 37 min past 7 night
 Full moon 19 day 26 min past 4 aftern.
 Last quart. 27 day 24 min past 6 afternoon.

Strong Drink and new, refuse; it is thy foe,
 To wash in Rivers cool, this July goe.

M.W. A.Wea. Cou for tide. R O S O Pl. Full Sea

12	h 13 34	✕ (α Wills)	4 32 8 20	06	08 03
23	Inf. Court	Boston Baynsh	4 32 8 21	03	Gemi 08 51
34	COMMENCEMENT				
45	Perhaps	8 4 ♀	4 34 8 22	00	09 39
56	8 4	♂ Some	4 35 8 23	54	10 27
67	Thunder showers		4 36 8 24	52	Leo 12 06
78	and very hot		4 37 8 25	49	12 58
89	8 0 4		4 37 8 26	46	Virgo 01 50
93	Inf. Court	Bristol	4 38 8 27	43	02 41
104	* ♀	♂ (● Perige)	4 39 8 28	40	Libra 03 32
115	□ 4	♂	4 40 8 29	37	04 24
126	4 25 44	VS hot and	4 41 8 00	35	Scorp 05 15
137	Spring tides rise		4 42 8 01	32	06 07
148	Dry and	□ ♂ ♀	4 43 8 02	29	Sagit 06 58
159	Perhaps Thunder		4 44 8 03	26	07 50
163	8 10		4 45 8 04	24	08 41
174	Clear and very hot		4 46 8 05	21	Capri 09 32
185	♂ 4	♂ 19 16 m	4 47 8 06	18	10 24
196	Dog days begin		4 48 8 07	16	Aqua 11 15
207	Spring tides fall		4 49 8 08	13	12 03
218	8 2	♂	4 51 8 09	10	12 51
222	● Apoge		4 52 8 10	07	Pisces 01 39
233	♀ 15 33	♂ ● 8	4 53 8 11	05	02 27
244	Perhaps very		4 54 8 12	02	Aries 03 15
255	Hot and Dry weather		4 55 8 13	00	04 03
266	□ 4	♂ Occi.	4 56 8 13	57	04 51
277	about this time		4 57 8 14	55	Taur 05 39
288	* 4	♂	4 58 8 15	52	06 27
292	♀ 11 22	♂ 8 h ♀	4 59 8 16	50	Gemi 07 15
303	Sup. Court	Cambridge	5 00 7 17	47	08 03
314			5 01 7 18	45	Canc 08 58

AUGUST hath 31 Dayes.

New moon 3 day 31 min past noon
 First quart. 10 day 34 min past 6 morn
 Full moon 18 day 6 min past 8 morn
 Last quart. 26 day 26 min past 5 morn

*Take heed of Surfeits, and hot meats and Spices,
 Physick forbear, be wise in exercises.*

M.W. A.W. C. Cou. Spr. tide. R O S O Pl. > Pl. Full Sea

1	5 h 12 1 36	* 2	5	02 7 19	43		09 39
2	6 Spring Tides rise		5	03 7 20	40	Leo	10 27
3	7 Rain	♂ 2 ♀	5	04 7 21	38		11 15
4	8 very high T. ● Perige		5	05 7 22	35	Virgo	12 06
5	9 and ●		5	06 7 23	33		12 58
6	10 very		5	07 7 24	31	Libra	01 50
7	11 Hot and Dry Δ 2 ♀		5	08 7 25	29		02 41
8	12 Sep. Court Springfield		5	09 7 26	26	Scorpio	03 32
9	13 Spr. tides fall Δ h	♂ or ♀	5	10 7 27	24		04 24
10	14 8 ♂ Perhaps (* 2 D)		5	11 7 28	22		05 15
11	15 inclining to		5	13 7 29	20	Sagitt	06 37
12	16 foul Weather		5	14 7 00	18		06 58
13	17 if not		5	16 7 01	16	Capri	07 50
14	18 ♂ 2 a storm		5	17 7 02	13		08 41
15	19 Δ 2 about		5	19 7 03	11		09 32
16	20 8 h 2 this		5	20 7 04	09	Aqua	10 24
17	21 ☐ ☉ ♂ time		5	22 7 05	07		11 15
18	22 4 12 VS ● Apoge		5	24 7 06	06	Pisces	12 03
19	23 ●		5	25 7 07	05		12 51
20	24 Clear		5	26 7 08	02		01 39
21	25 ♂ ☉ ♀		5	27 7 09	00	Aries	02 27
22	26 and Hot ☐ ♂ ♀		5	28 7 09	58		03 15
23	27 ♂ 8 37 ♂ ☉ h		5	30 7 10	56	Taur	04 03
24	28 Windy Δ 2 D		5	31 7 11	55		04 51
25	29 ♀ 6 50 ☐ Δ 2		5	33 7 12	53	Gemi	05 39
26	30 ☐ h ♂		5	34 7 13	51		06 27
27	31 Spring tides rise		5	36 7 14	49		07 15
28	32 Dog days end		5	37 7 15	48	Canc	08 03
29	33 8 2 D * 2		5	38 7 16	46		08 51
30	34 Perhaps Rain		5	40 7 17	45	Leo	09 39
31	35 29 20		5	42 7 18	43		10 27

SEPTEMBER hath 30 Daye.

New moon 1 day 18 min past 8 nigh
 First quart. 8 day 58 min past 8 nigh.
 Full moon 16 day 12 min past 12 nigh.
 Last quart. 24 day 44 min past 11 befo.

New Physick may be us'd, bleed, bathe and
 Or whatso're necessary doth urge.

M. W. AL. Wca. Lou. Ipr. tio R O S OPL 7 Pl. Fu.

1	For high tides	Perig	5 44	7 19	42	Virgo	11
2	h 9 38	X	5 45	7 20	40		1' 03
3	Inf. Court	Springfield	5 46	7 21	39	Libra	12 51
4	Rain and Stormy		5 47	7 22	37		01 39
5	Weather	♂ ☉ ♀	5 49	7 23	36	Serp	02 27
6	Spring tides fall		5 50	7 24	35		03 15
7	☐ h ☽	about this	5 52	7 25	27	Sagitt	04 03
8	☐ ♀ ☽	time	5 53	7 26	52		04 51
9	☽ 21 31	V3	5 55	7 27	31	Capri	05 39
10	Sup. C.	Bristol & Inf. C	5 57	7 28	30		06 27
11		(Camb	5 58	7 29	29		07 15
12	Cool Mornings		6 00	6 00	28	Aqua	08 03
13	* ♂ ☽	Clear	6 02	6 01	17		08 51
14	and Windy &	● ☽	6 04	6 02	15	Pisces	09 39
15	8 ♀ ☽	● Apoge	6 05	6 03	24		10 27
16	Cool about this time		6 06	6 04	23		11 15
17	Inf. Court	Plymouth	6 07	6 05	23	Aries	12 03
18	☐ ♀ ☽	and	6 09	6 06	22		12 51
19	Perhaps	△ ♀ ☽	6 10	6 07	21	Taur.	01 39
20	some foul Weather		6 11	6 08	20		02 27
21	the wind at N E		6 13	6 09	19		03 15
22	♂ 28 7	△ ♀ ☽	6 14	6 10	18	Gemi	04 03
23	8 ♂ ☽		6 16	6 11	18		04 51
24	Inf. Court	Newbury	6 17	6 12	17	Canc.	05 39
25	♀ 4	8 ♀ ☽	6 19	6 13	16		06 27
26	Windy and Wet		6 20	6 14	16	Leo	07 15
27	Spring tides rise		6 22	6 15	15		08 03
28	8 h ☽	● Perige	6 23	6 16	15	Virgo	08 51
29	♀ 2	☐ ♂ ☽	6 24	6 17	14		09 39
30	△ ♀ ☽		6 25	6 18	14	Libra	10 27

OCTOBER hath 31 Dayes.

moon 1 day 20 min past 4 morn
 quart. 8 day 36 min past 2 aftern.
 moon 16 day 18 min past 4 aftern
 3 d. 9 m. p. 11 n. New m. 30 d. 0 m. p. 5 aftern
*New Physicks help do not refuse,
 If thou it want and safely use.*

Al. Wea. Cou. spr. tide. R O S O Pl. > Pl. Full Sea.

13	Inf. Court Boston, Barnst	6 27 6	19 213	11 15
4	Probi. Fair. (Wells E.T)	6 28 6	20 13	Scorp 12 03
5	Court Assi. Bartf. (Nk)	6 29 6	21 13	12 51
6	8 & spr. tides fall	6 31 6	22 12	Sagit 01 39
7	and □ O 4	6 32 6	23 12	02 27
6	Cloudy * h 6	6 34 6	24 12	Capri 03 15
7	and perhaps Rain	6 35 6	25 12	04 03
8	Inf. Co. t Bristol	6 37 6	26 11	Aqua 04 51
9	4 23 17 VS	6 39 6	27 11	05 39
10	Gen. Cour. Hartford	6 40 6	28 11	06 27
11	6 Ch. COLUMBUS, 1492	6 41 6	29 11	Pisces 07 15
12	7 clear, wind N W Apoge	6 42 6	00 11	08 03
13	and cold in the	6 43 6	01 11	08 51
14	Mornings	6 44 6	02 11	Aries 09 36
15	□ 5 7	6 45 6	03 11	10 27
16	5 15 14 VS	6 47 6	04 11	Taur 11 15
17	5 Bristol Fair 8 2	6 48 6	05 12	06 06
18		6 49 6	06 12	Gemi 12 58
19	7 cold and △ O h	6 50 6	07 12	01 50
20	6 cloudy and △ h 6	6 51 6	08 12	Canc 02 41
21	2 perhaps 6 O 6	6 53 6	09 12	03 32
22	3 8 6 Snow or Rain	6 54 6	10 13	04 24
23	4 and then clear and	6 55 6	11 13	05 15
24	5 cold △ 4 6	6 56 6	12 13	06 07
25	6 spr. tides rise 6 6	6 58 6	13 14	Virgo 06 58
26	7 Perige	7 00 5	14 14	07 50
27	8 2 28 12 17	7 01 5	15 15	08 41
28		7 02 5	16 15	Libra 09 32
29	9 2 22 17	7 04 5	17 16	10 24
30	4 High tides	7 05 5	18 16	Scorp 11 15
31	5 □ 4 6	7 06 5	19 17	12 06

NOVEMBER hath 30 Days.

First quart. 7 day 34 min past 11 beforenoon

Full moon 15 day 24 min past 7 morn

Last quart. 22 day 57 min past 4 morn

New moon 29 day 14 min past 7 p.m.

*Choose hot and wholesome drinks, and meats likewise,
Avoid hot Baths, use honest exercise.*

M.	W.	At. Wea.	Cou.	for.	tid.	R	○	S	○	Pl.	Pl.	Full Sea
1	5	h	7	4	☾	* ♂ ♀	7	07	5	20	17	Sagit 12 45
2	7						7	08	5	21	18	01 30
3	6						7	09	5	22	19	Capri 02 15
4	2						7	11	5	23	19	03 00
5	3						7	12	5	24	20	Aqua 03 45
6	4						7	13	5	25	21	04 30
7	5						7	14	5	26	22	05 15
8	6	3	h	☾	* ○ ♀		7	15	5	27	22	Pisces 06 00
9	7					● Apoge	7	16	5	28	23	06 45
10	8	4	27	48	V3		7	17	5	29	24	07 30
11	2						7	18	5	00	25	Aries 08 15
12	3						7	19	5	01	26	09 00
13	4						7	20	5	02	27	Taur 09 45
14	5						7	21	5	03	28	10 30
15	6					* ♀ ♀	7	22	5	04	29	Gemi 11 15
16	7						7	22	5	05	29	12 06
17	8						7	23	5	06	30	Canc 12 58
18	2						7	24	5	07	31	01 50
19	3	♂	10	39	☾		7	25	5	08	32	02 41
20	4						7	26	5	09	33	Leo 03 32
21	5					● Perige	7	27	5	10	35	04 24
22	6						7	27	5	11	36	Virgo 05 15
23	7						7	28	5	12	37	06 07
24	8						7	29	5	13	38	Libra 06 58
25	2	♀	29	8	☾		7	29	5	14	38	07 50
26	3						7	30	5	15	40	Scorp. 08 41
27	4						7	31	5	16	41	09 32
28	5					* ○ ♂	7	32	5	17	42	Sagit 10 24
29	6					* h ♀	7	32	5	18	44	11 15
30	7	♀	2	11	V3 R.		7	32	5	19	45	Capri 12 03

The Eclipses 1700.

THis year there will happen but two Eclipses, both which will be of the Moon, the first of these only will be Visible to us in *New-England* (if the Weather be clear) which will be a Total Eclipse, and according to Calculation will be as follows: On *February* the 23 day in the Morning.

The beginning of the Eclipse will be at 37 min. 33 se. after midnight: The beginning of Total darkness 55 min 41 se. past 1 in the Morning.

The middle of the Eclipse will be at 46 min. 9 se. past 2 in the Morning.

The end of Total darkness will be at 56 min. 37 se. past 3 in the Morning.

The end of the Eclipse will be at 54 min 45 se. past 4 in the Morning.

The whole Duration 3 hours 32 min. 18 se.

The Digits Eclipsed 10 & 46 min.

The Second will be on *August* the 18 about 9 in the forenoon therefore not Visible to us, but in it self will be a great Eclipse.

A Figure of the
Eclipse on
February the 23.
5 min. 9 se.
which



Eclipse on
Day 1700 at
2 in the morn.
Moon will be
darkned.

Of the Four Seasons or Quarters of the Year, 17

Of the Spring.

THe Spring Quarter begins when the Sun enters the first scruple of the vernal Equinoctial Sign making the days & nights of equal length all the year, which will be on March the 9. the proper & quality of this Quarter is hot & moist, hot in respect of the Suns ascending nearer to the Zenith, and moist in respect of the Winters Vicinity.

Now the Suns presence begins to revive,
As well things sensible, as Vegetive.

Of the Summer.

THe Summer Quarter begins the 10 of June, the Sun having then arrived to his greatest Northern limit to his Tropical Point Cancer, thereby making the longest days & shortest nights to all Northern Inhabitants of the World, the nature of this Season is Hot and Dry.

Now Reapers panting both with heat and thirst,
With crooked Razors shave the tusted plain.

Of Autumn.

THe Autumn Quarter begins the 12. of Sept, the Sun being now returned from his greatest Northern point to his Autumnal Equinoctial Sign *Libra*, making the days & nights of equal length, this Quarter is temperate, Cold and Dry.

Now that
The chaf

Year, 1708

Sun enters this
Sign *Aries*,
all the world
proper nature
hot in respect
b, and moist in
revire,

of *July*, the Sun
then limits eve-
ning the longest.
Inhabitants in
hot and Dry.
heat and pain,
ruined plain.

of *Sept*, the Sun
then progress,
making again
Quarter is na-

AM 661 X
15034